

PATENT ABSTRACTS OF JAPAN

(11) Publication number : 06-300039

(43) Date of publication of application : 25. 10. 1994

(51) Int. Cl.

F16C 29/06
// B23Q 1/26

(21) Application number : 05-082354 (71) Applicant : HIIHAI SUTO SEIKO KK

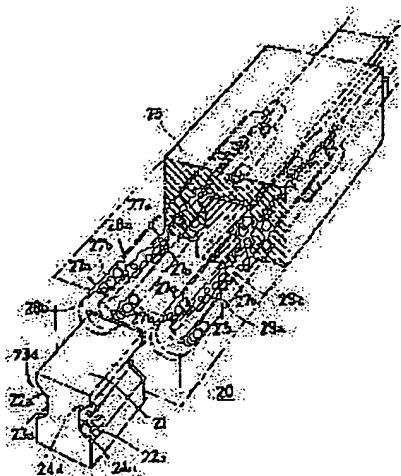
(22) Date of filing : 09. 04. 1993 (72) Inventor : OZAKI KUSUYA
HIROSE KAZUYA

(54) DIRET OPERATED GUIDE BEARING

(57) Abstract:

PURPOSE: To suppress skew and fine vibration by arranging plural rows of roller members in the same raceway track.

CONSTITUTION: Rails 28a and 28b and rails 29a and 29b on which two rows of rollers 27a and 27b are allowed to circulate infinitely are formed in the bearing recessed part of a bearing body 25, and a shaft 21 and the bearing body 25 perform a rectilinear movement. Two rows of rollers 27a and 27b are arranged in deflection by the radius of the rollers 27a and 27b in each row on the rails 28a and 28b and the rails 29a and 29b, and are freely shiftable independently. Accordingly, the generation of skew can be suppressed, and the passing interval in the case where the roller member goes into/out from the load region is narrowed, and the fine vibration can be softened.



LEGAL STATUS

[Date of request for examination] 15. 12. 1999

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

BEST AVAILABLE COPY